

**AMENDMENTS TO THE ABSTRACT:**

Please replace the paragraph (Abstract) beginning at page 27, line 1 with the following rewritten version:

**ABSTRACT**

A gas purifier **Z** includes an air passage **Q**. An adsorption removal device **B**, which includes a regenerable adsorbent **9** for adsorbing chemical contaminants from non-purified air **W** and separating the adsorbed contaminants through a regeneration process, and a gas purification unit **A**, which performs gas-liquid contact with a porous film to separate and removes contaminants from the non-purified air **W** into a liquid, are arranged in an air passage **Q**. The chemical contaminants are adsorbed and removed by the adsorption removal device **B**.